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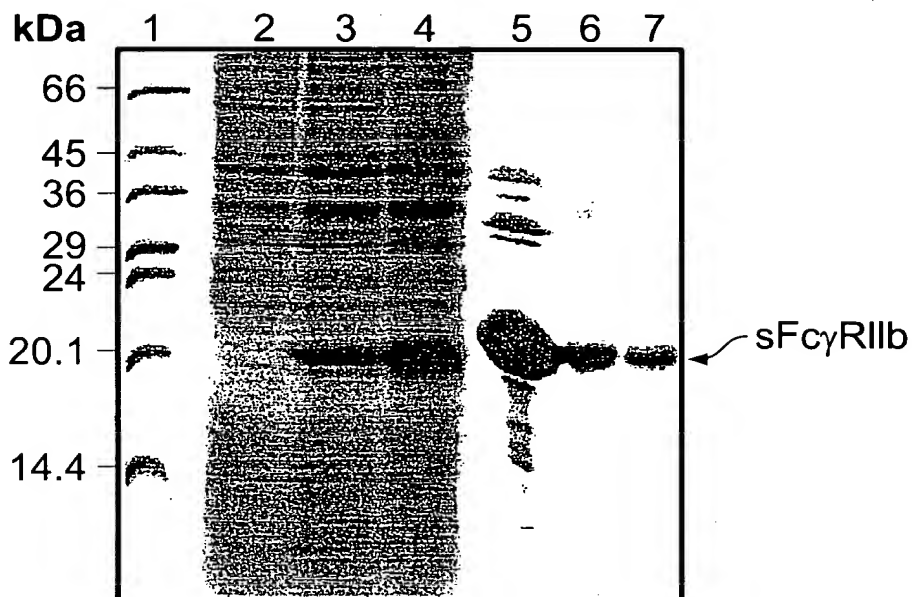


FIG. 1

Gel Filtration Experiment with PLS in Running Buffer (RB)

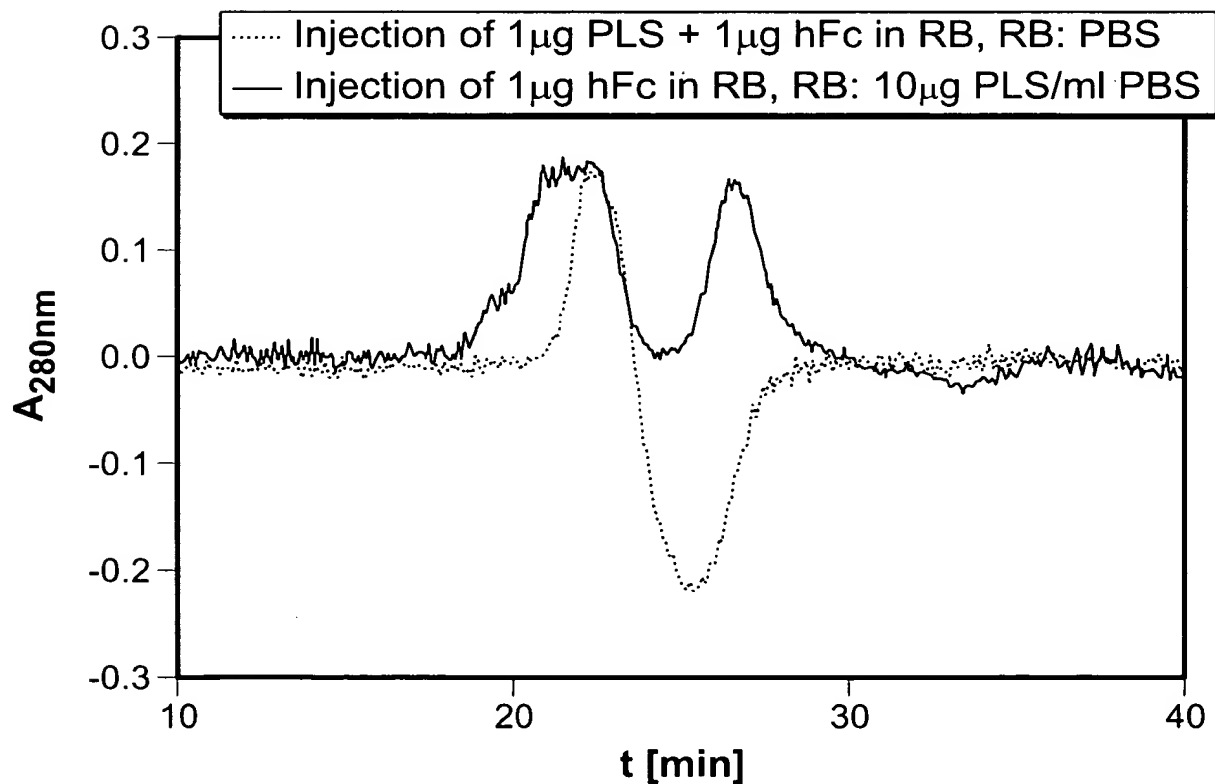


FIG. 2

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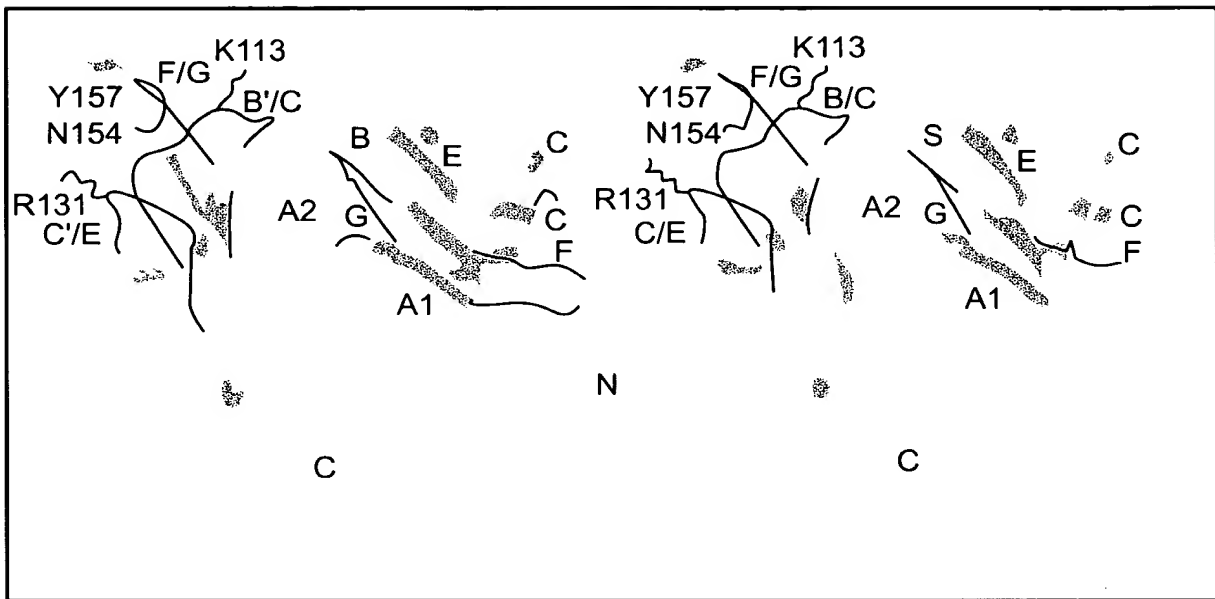


FIG. 3

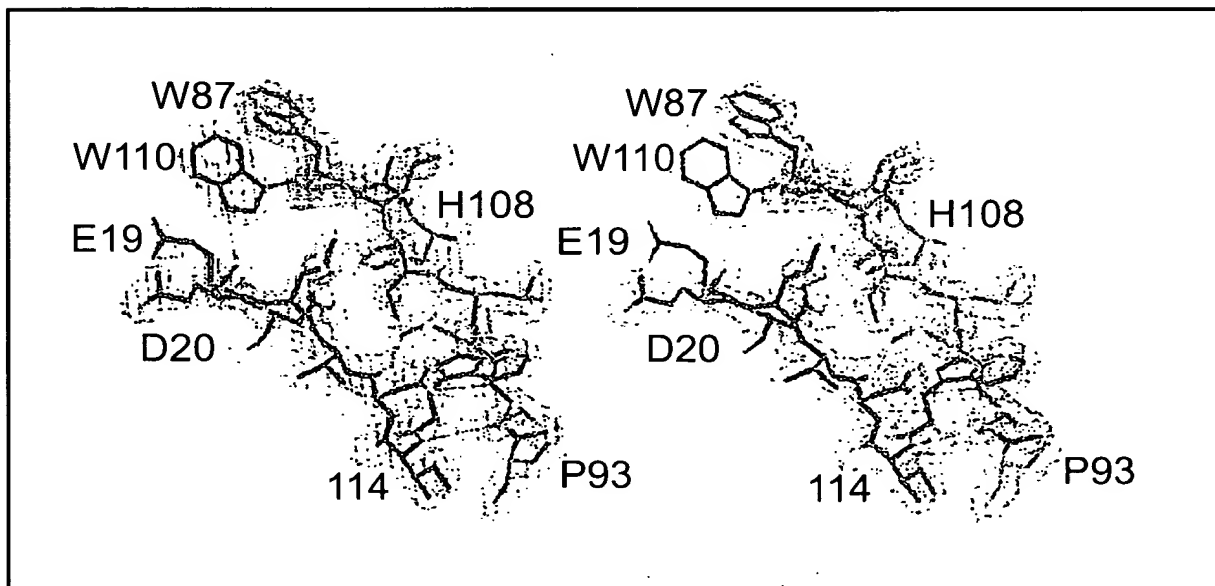


FIG. 4

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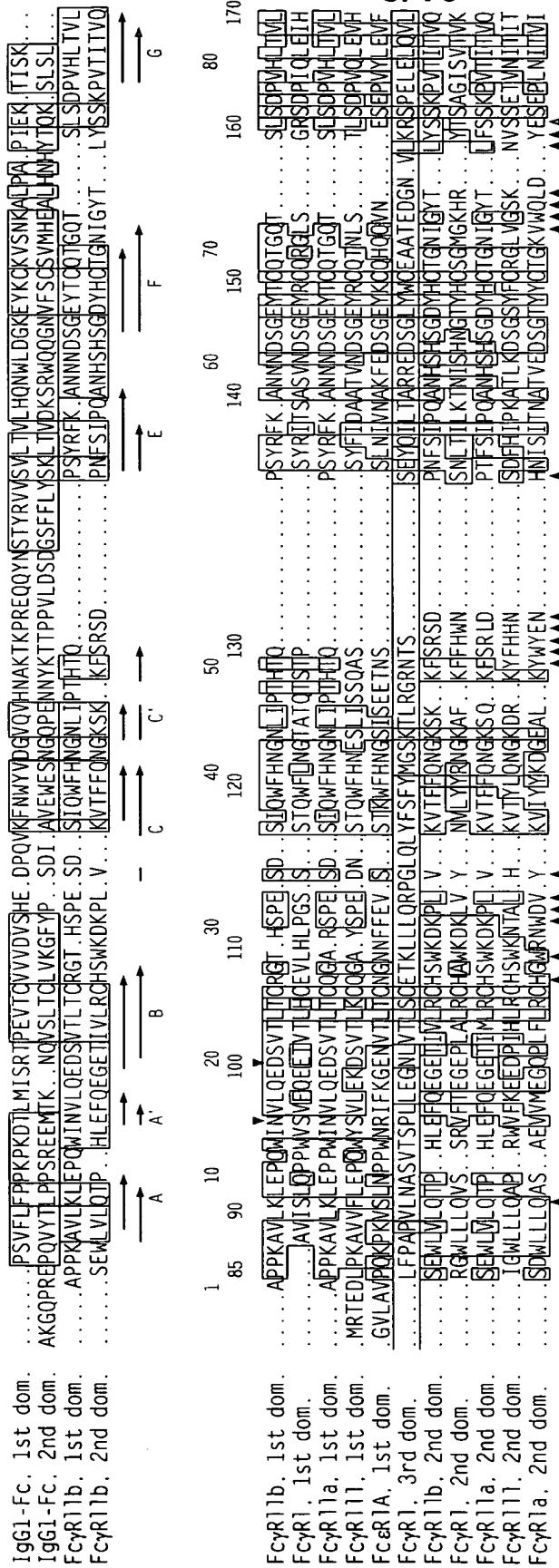


FIG. 5B

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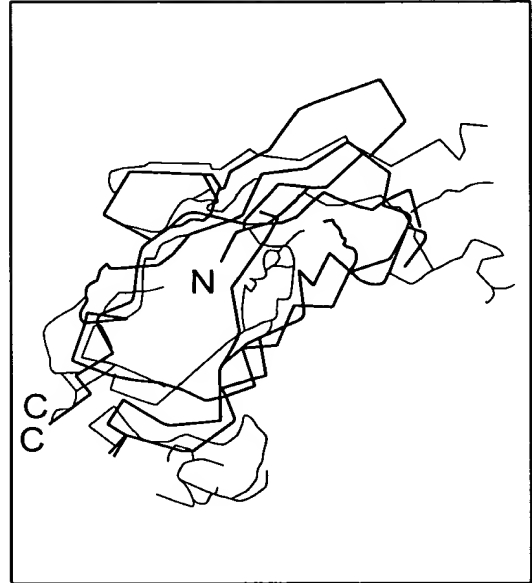


FIG. 5A

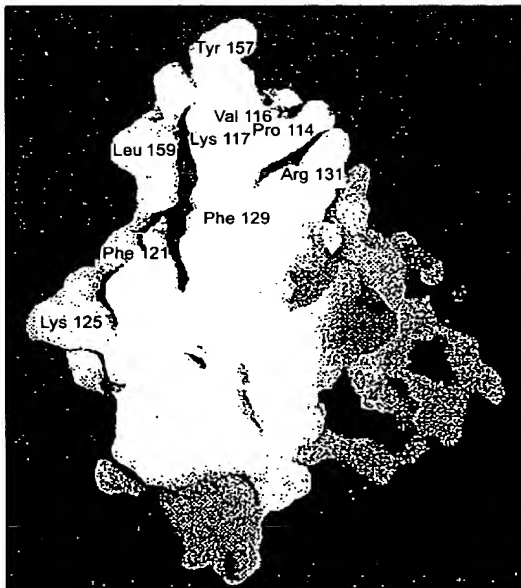


FIG. 6A

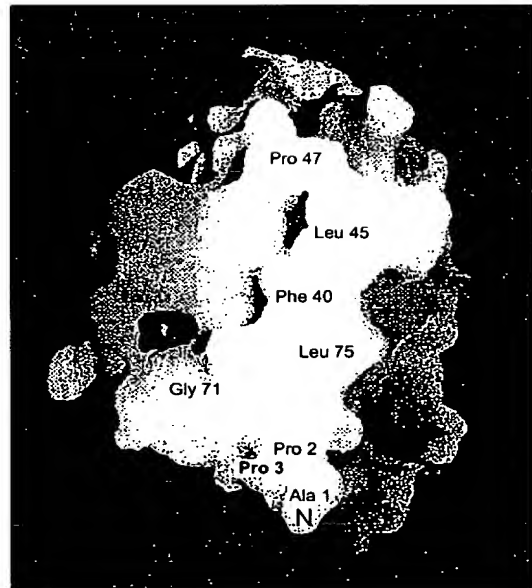


FIG. 6B

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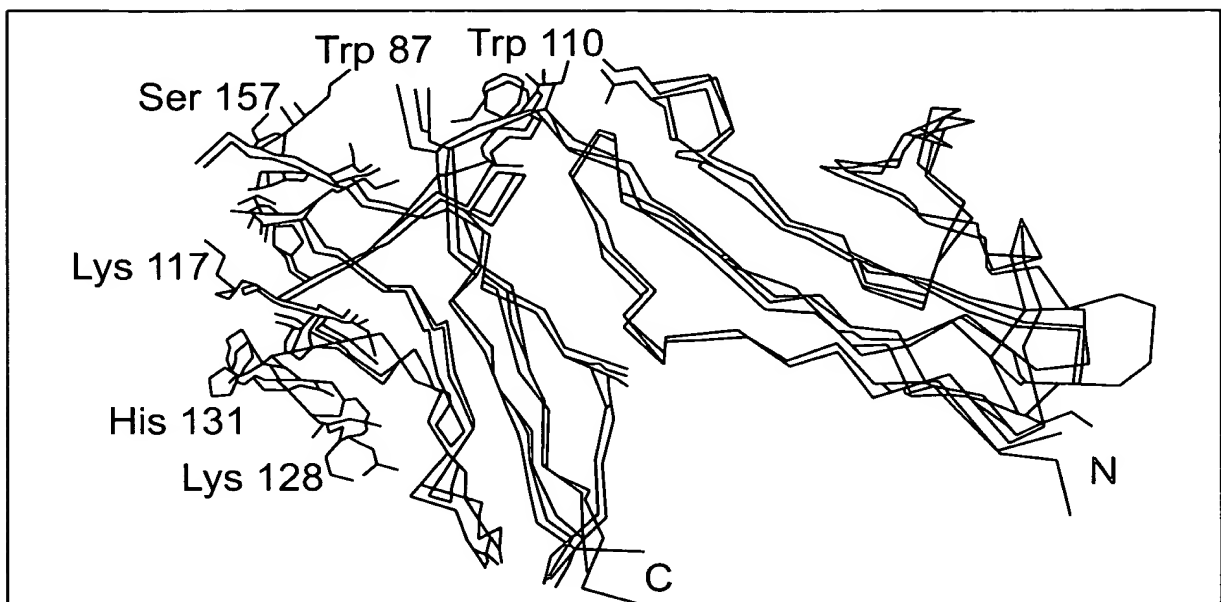


FIG. 7

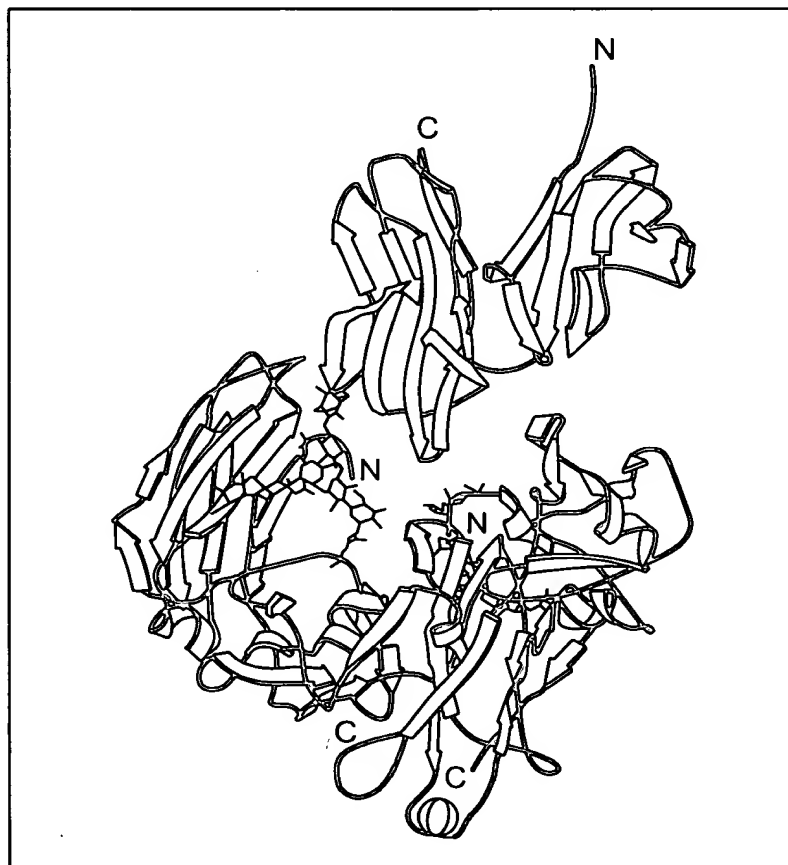


FIG. 8

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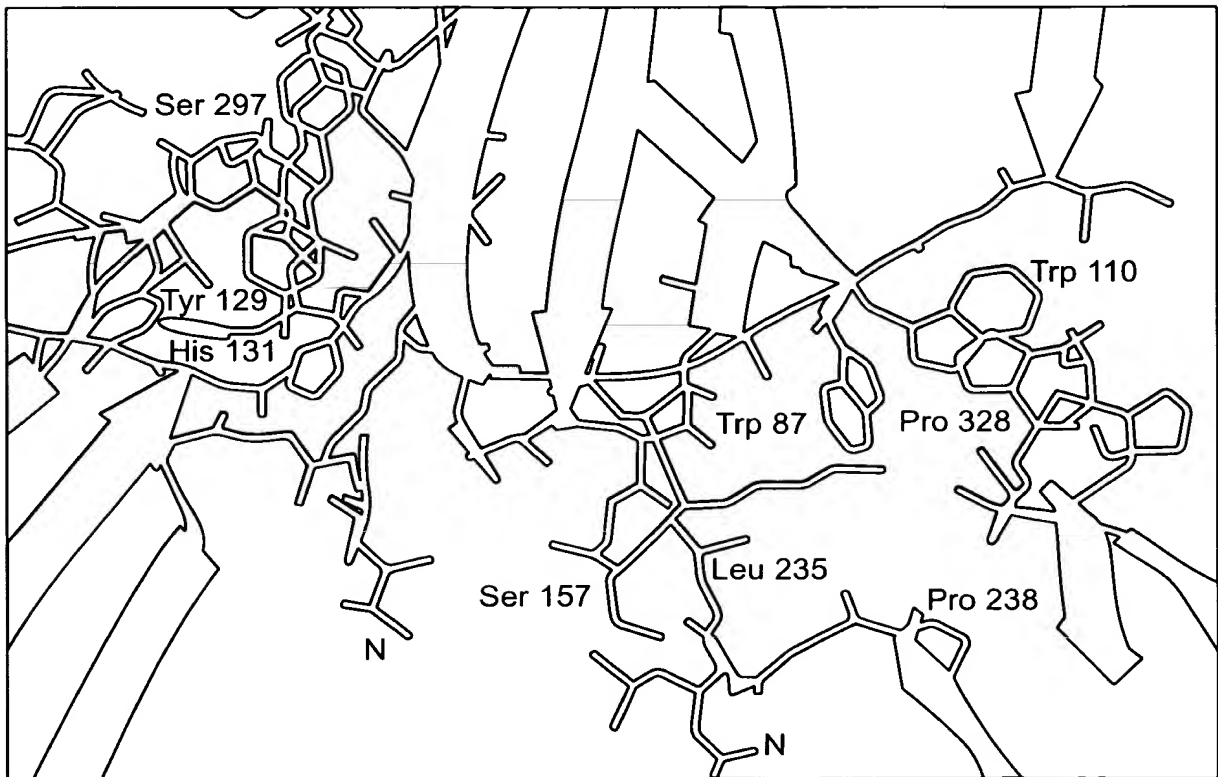
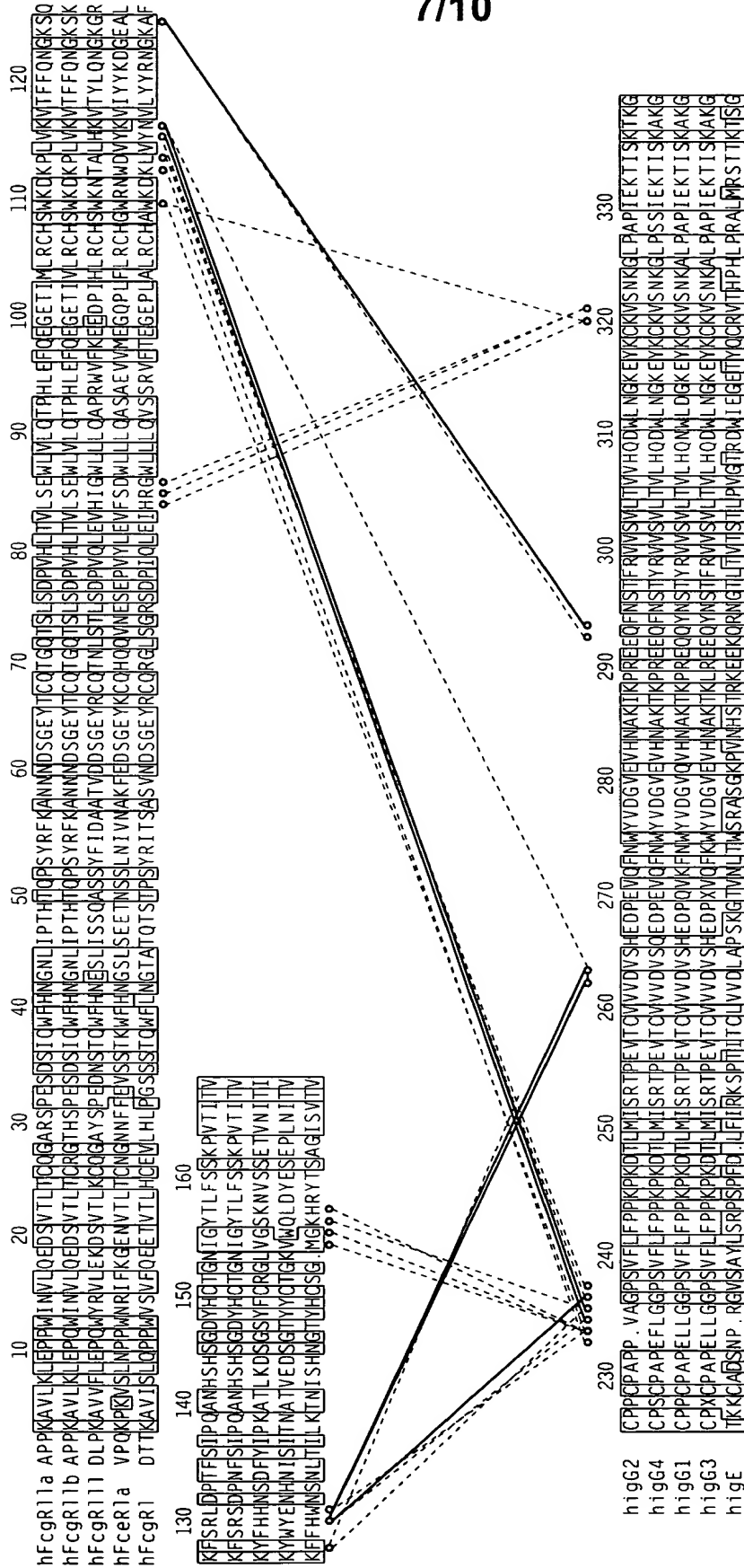
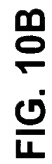


FIG. 9

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FLG. 10A



REPLACEMENT SHEET

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Alignment of the Produced sFcγR, sFcεR1a and the short form of sFcεRII

sFcγRIIa	---MAAPPKAVLKLEPP-WINVLEQEDSVTLTCQGARSPESDSIQWFHN-GNLIPHTHTQPS	55
sFcγRIIb	MGTPAAPPKAVLKLEPQ-WINVLEQEDSVTLTCRGTHSPESDSIQWFHN-GNLIPHTHTQPS	58
sFcγRIII	-MRTEDLPKAVVFLEPQ-WYSVLEKDSVTLKCQGAYSPEDNSTQWFHN-ESLISSQASSY	57
sFcγRI	-----MAVISLQPP-WVSVFQEEVTLHCEVLHLPSSSTQWFLN-GTATQTSTPSY	50
sFcεRIa	---MAVPQKPKVSLNPP-WNRIFKGENVTLCNGNNFFEVSSTKWFHN-GSLSEETNSSL	55
sFcεRII	-MELQVSSGFVCNTCPEKWINFQRK-----C---YYFGKGTKQVWHARYACDDMEGQLV	50
	* * . . : * . . : *	
sFcγRIIa	YRFKANNNDGSG-EYTCQTGQTSLSDPVHLTVLSEWLV-LQTPHLEFQEGETIMLRCHSWK	113
sFcγRIIb	YRFKANNNDGSG-EYTCQTGQTSLSDPVHLTVLSEWLV-LQTPHLEFQEGETIVLRCHSWK	116
sFcγRIII	FIDAATVNDGSG-EYRCQTNLSTLSDPVQLEVHIGWLL-LQAPRWVFKEEDPIHLRCHSWK	115
sFcγRI	RITSASVNDGSG-EYRCQRLSGRSDPIQLEIHRGWLL-LQVSSRVFTEGEPLALRCHAWK	108
sFcεRIa	NIVNAKFEDSG-EYKQHQVQVNESEPVYLEVFSDWLL-LQASAEVVMGQPLFLRCHGWR	113
sFcεRII	SIHSPEEQDFLTKHASHTGSWIGLRNLDLKGEFIWVDGSHVDYSNWPAGEPTS-RSQGED	109
	. : * . . . : * * : . . : * . .	
sFcγRIIa	DKPLVKVTFFQNGK-SQKFSRLDPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVITITVQ	172
sFcγRIIb	DKPLVKVTFFQNGK-SKKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTLFSSKPVITITVQ	175
sFcγRIII	NTALHKVTYLQNGK-DRKYFHHNSDFHIPKATLKDSGSYFCRGLVGSKNVSETVNITIT	174
sFcγRI	DKLVYNVLYYRNGK-AFKFFHWNSTILKTNISHNGTYHCSG-MGKHRYTSAGISVTVK	166
sFcεRIa	NWDVYKVIYYKDGE-ALKYWYENHNISITNATVEDSGTYCTGKVVQLDYESEPLNITVI	172
sFcεRII	CVMMRGSGRWDAFCDRKLGAWVCDRLATCTPPASEGSAESMGPDSPDPDGRLLPTPSAP	169
	: . . . * : . * . * . . :	
sFcγRIIa	VP-----	174
sFcγRIIb	APSSSPMGII-----	185
sFcγRIII	QG-----	176
sFcγRI	ELFPAPVLNASVTSPLLLEGNLVTLSCKETLLLRPGLQLYFSFYMGSKTLRGRNTSSEYQ	226
sFcεRIa	KAPREKYWLQF-----	183
sFcεRII	LHS-----	172
sFcγRIIa	-----	
sFcγRIIb	-----	
sFcγRIII	-----	
sFcγRI	ILTARREDSGLYWCEAATEDGNVLKRSPELELQVLGLQLPTPV	269
sFcεRIa	-----	
sFcεRII	-----	

FIG. 11

REPLACEMENT SHEET

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Alignment the Produced sFcγR and sFcεRIa without sFcεRI1

sFcγRIIa	---MAAPPKAVLKLEPPWINVLQEDSVTLTCQGARSPESDSIQWFHNGNLIPHTQPSYR	57
sFcγRIIb	MGTPAAPKAVLKLEPQWINVLQEDSVTLTCRGTHSPESDSIQWFHNGNLIPHTQPSYR	60
sFcγRIII	-MRTEDLPKAVVFLEPQWYSVLEKDSVTLKCQGAYSPEDNSTQWFHNESLISSQASSYFI	59
sFcγRI	-----MAVISLQPPWVSVFQEETVTLHCEVLHLPGSSSTQWFLNGTATQTSTPSYRI	52
sFcεRIa	---MAVPQKPKVSLNPPWNRIFKGENVTLTCNGNNFFEVSSSTKWFHNGSLSEETNSSLNI	57
	. : *:* * : : : .*** * . * : ** * .	
sFcγRIIa	FKANNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLTQPHLEFQEGETIMLRCHSWKDKPL	117
sFcγRIIb	FKANNDSGEYTCQTGQTSLSDPVHLTVLSEWLVLTQPHLEFQEGETIVLRCHSWKDKPL	120
sFcγRIII	DAATVNDSGEYRCQTNLSTLSDPVQLEVHIGWLLLQAPRWVFKEEDPIHLRCHSWKNTAL	119
sFcγRI	TSASVNDSGEYRCQRGLSGRSDPIQLEIHRGWLLLQVSSRVFTEGEPLALRCHAWKDKLV	112
sFcεRIa	VNAKFEDSGEYKCQHQQVNESEPVYLEVFSDWLLLQASAEVVMGQPLFLRCHGWRNWDV	117
	* . :***** ** * : * : * : ** : ** . . * : : : ***** * : : :	
sFcγRIIa	VKVTFFQNGKSQKFSRLDPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVITITVQVP---	174
sFcγRIIb	VKVTFFQNGKSQKFSRSDPNFSIPQANHSHSGDYHCTGNIGYTLFSSKPVITITVQAPSSS	180
sFcγRIII	HKVTYLQNGKDRKYFHHNSDFHIPKATLKDSGSYFCRGLVGSKNVSETVNITITQG---	176
sFcγRI	YNVLYYRNGKAFKFFHWSNLITLKTNIHNGTYHCSSG-MGKHRYTSAGISVTVKELFPA	171
sFcεRIa	YKVIYYKDGEALKYWYENHNISITNATVEDSGTYCTGKVVQLDYESEPLNITVIKAPRE	177
	: * : : * : * : : : * : : . . . * * * * * * : : * :	
sFcγRIIa	-----	
sFcγRIIb	PMGII-----	185
sFcγRIII	-----	
sFcγRI	PVLNASVTSPILLEGNLVTLSCEKLLLQRPGLQLYFSFYMGSKTLRGRNTSSEYQILTAR	231
sFcεRIa	KYWLQF-----	183
sFcγRIIa	-----	
sFcγRIIb	-----	
sFcγRIII	-----	
sFcγRI	REDSGLYWCEAATEDGNVLKRSPELELQVLGLQLPTPV	269
sFcεRIa	-----	

FIG. 12